

Sheet 1 of 2

FORM PTO-1449 (Rev. 2-32) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 00,1278	Serial No. 09/765,739
	Applicant: Lawton, et al.			
	Filing Date: January 18, 2001	Group:		

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
MA	1	5,726,010	3/10/98	Clark	435	5	7/31/91
↓	2	6,025,338	2/15/00	Barbet et al.	514	44	10/17/96

FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No
MA	3	9	9	1	3	7	2	0	3/25/99	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.).

MA	4	Ohashi, et al., "Immunodominant Major Outer Membrane Proteins of <i>Ehrlichia chaffeensis</i> Are Encoded by a Polymorphic Multigene Family", <i>Infection and Immunity</i> , 66, p. 132-139, Jan. 1998.
↓	5	Ohashi, et al., "Cloning and Characterization of Multigenes Encoding the Immunodominant 30-Kilodalton Major Outer Membrane Proteins of <i>Ehrlichia canis</i> and Application of the Recombinant Protein for Serodiagnosis", <i>Journal of Clinical Microbiology</i> , 36, p. 2671-2680, Sept. 1998.
↓	6	Yu, et al., "Genetic Diversity of the 28-Kilodalton Outer Membrane Protein Gene in Human Isolates of

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			<i>Ehrlichia chaffeensis</i> , <i>Journal of Clinical Microbiology</i> , 37, p. 1137-1143, Apr. 1999.
MA	7		McBride, et al., "Molecular Cloning of the Gene for a Conserved Major Immunoreactive 28-Kilodalton Protein of <i>Ehrlichia canis</i> : a Potential Serodiagnostic Antigen", <i>Clinical and Diagnostic Laboratory Immunology</i> , 6, p. 392-399, May 1999.
I	8		Yu, et al., "Comparison of <i>Ehrlichia chaffeensis</i> Recombinant Proteins for Serologic Diagnosis of Human Monocytotropic Ehrlichiosis", <i>Journal of Clinical Microbiology</i> , 37, p. 2568-2575, Aug. 1999.
	9		Yu, et al., "Characterization of the Complete Transcriptionally Active <i>Ehrlichia chaffeensis</i> 28 kDa Outer Membrane Protein Multigene Family", <i>Gene</i> 248, p. 59-68, 2000.
	10		McBride, et al., "A Conserved, Transcriptionally Action p28 Multigene Locus of <i>Ehrlichia canis</i> ", <i>Gene</i> 254, p. 245-252, 2000.
V	11		Suksawat, et al., "Seroprevalence of <i>Ehrlichia Canis</i> , <i>Ehrlichia Equi</i> and <i>Ehrlichia Risticii</i> in Sick Dogs from North Carolina and Virginia", <i>Journal Vet. Internal. Med.</i> 14, p. 50, 2000.
EXAMINER		<i>Tanessa Ford</i>	DATE CONSIDERED 4/10/06

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Sheet 1

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			Applicant: Lawton, et al.	
			Filing Date: January 18, 2001	Group: 1653

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
 (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
MS	1	6,207,169 B1	3/27/01	Reed et al.	424	234.1	11/20/97
↓	2	6,231,869 B1	5/15/01	Reed et al.	424	234.1	3/21/97

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

EXAMINER	<i>James Ford</i>	DATE CONSIDERED	4/10/06
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant: Lawton, et al.	
				Filing Date: January 18, 2001	
				Group: 1653	

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
MS	1	6,251,872	6/26/01	Barbet et al.	514	44	10/17/97

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

EXAMINER <i>Vanessa B Ford</i>		DATE CONSIDERED 4/10/06
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FORM PTO-1449 (Rev. 2-32)		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. MBHB00-1278	Serial No. 09/765,739
SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant: Lawton, et al.	
				Filing Date: January 18, 2001	Group: 1845

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>WJH</i>	1	6,392,023 B1	5/21/02	Walker, et al.	536	23.1	9/12/00

FOREIGN PATENT DOCUMENTS

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							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. MBHB00-1278	Serial No. 09/765,739
			Applicant: Lawton, et al.	
			Filing Date: January 18, 2001	Group: 1645

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
 (Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>[Signature]</i>	1	6,403,780 B1	6/11/02	Walker, et al.	536	23.1	3/3/99

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No


OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

EXAMINER <i>[Signature: Vanessa B. Ford]</i>	DATE CONSIDERED 4/10/06
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FORM PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 00-1278	Serial No. 09/765.739
FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant:	
		Lawton et al.	
		Filing Date:	Group:
		January 18, 2001	1845

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	1.	5,192,679	Mar 9, 1993	Dawson, et al.			
	2.	5,401,656	Mar 28, 1995.	Dawson			
	3.	5,413,931	May 9, 1995	Dawson, et al.			
	4.	5,789,176	Aug 4, 1998	Dawson, et al.			
	5.	5,869,335	Feb 9, 1999	Munderloh, et al.			
	6.	5,928,879	July 27, 1999.	Dumler, et al			
	7.	5,955,359	Sept 21, 1999	Dumler, et al			
	8.	5,976,791	Nov 2, 1999.	Mabilat, et al			
	9.	5,976,860	Nov 2, 1999.	Coughlin, et al.			
	10.	5,989,848	Nov 23, 1999.	Dawson			
	11.	6,015,691	Jan 18, 2000	Walker, et al.			
	12.	6,034,085	Mar 7, 2000	Joshi, et al.			
	13.	6,204,252	Mar 20, 2001	Murphy, et al.			
	14.	6,277,381	Aug 21, 2001	Reed, et al.			
	15.	6,284,238	Sept 4, 2001	Coughlin, et al			
	16.	6,306,394	Oct 23, 2001	Murphy, et al.			
	17.	6,306,402	Oct 23, 2001	Reed, et al.			
	18.	6,355,777	Mar 12, 2002	Walker, et al.			
	19.	6,458,942	Oct 1, 2002	Walker, et al.			

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			Applicant: Lawton et al.	
			Filing Date: January 18, 2001	Group: 1645

FOURTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT BY APPLICANT
 (Use several sheets if necessary)

U.S. PATENT APPLICATION DOCUMENTS

Examiner Initial		Document Number	Filing Date	Name	Class	Subclasses	Publication Date if Appropriate
MS	20.	20020064535	Sept 23, 1998	Reed, et al.			May 30, 2002.
	21.	20020088343	Mar 2, 2001	Reed, et al.			June 6, 2002.
	22.	20020086984	Sept 10, 2001	Reed, et al.			July 4, 2002.
	23.	20020115840	Jan 31, 2002	Walker, et al.			Aug 22, 2002.
	24.	20020132789	Jan 31, 2002	Barbet, et al.			Sept 19, 2002.
	25.	20020084531	May 1, 2001	Walker, et al.			May 30, 2002

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
MS	26	9 9 1 3 7 2 0	3/25/99	PCT				

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

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FORM PTO-1449 (Rev. 2-32) U.S. Department of Commerce Patent and Trademark Office FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Atty. Docket No. 00-1278	Serial No. 09/765,739
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U.S. PATENT DOCUMENTS

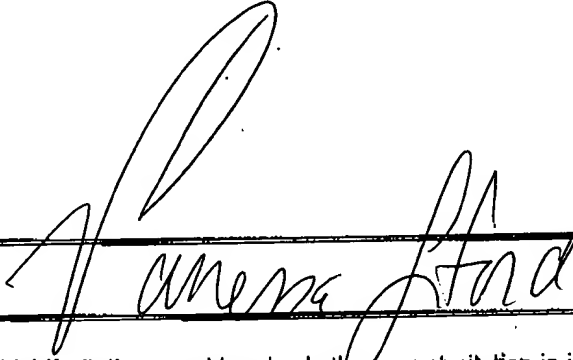
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	6,025,338	2/15/00	Barbet, et al.	514	44	10/17/96
	2.	6,251,872	6/26/01	Barbet, et al.	514	44	10/17/97
	3.	6,593,147	7/15/03	Barbet, et al.	436	518	4/21/00

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